

This thesis deals with the influence of Vojta's reflex locomotion on stability of the patients suffering from hereditary neuropathy. In the review of knowledges there is presented the part about hereditary neuropathies, it's classification, clinical symptoms and diagnostics. The second part of the review is about the stability and it's determination. The last part is dedicated to Vojta's reflex locomotion. In experimental part, there is presented studies, which evaluates the influence of Vojta's reflex locomotion on the sensitive functions (discrimination, texture perception, vibration perception) and the postural stability (using Balance Master system) in the two groups of the patients suffering from hereditary neuropathy. The first group was measured before and after Vojta's therapy and the second group (control one) was measured in the same way, but without therapy. Consequently, the basic statistic indicators of gained set of data were calculated. As a conclusion, there has been some changes before and after therapy in sensitive functions (vibrations perception, discrimination) and postural function and one test of postural stability in the group of patients treated with Vojta's reflex therapy, compared to control group.